

User's Manual

CAMILEO B10

Introduction

Welcome and thank you for choosing a TOSHIBA product.

For your convenience, your TOSHIBA product is furnished with two guides:

- a) a Quick Start Guide, and
- b) this comprehensive PDF User's Manual.

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Section 1

Getting to Know Your Camcorder

Overview

The camcorder equipped a 5 Mega Pixel sensor that can take H.264 format videos. The H.264 technology allows for extended video recording with less memory. High quality images up to 16 mega-pixels can also be delivered smoothly. With a color LCD monitor, you can view and examine the videos and photos easily.

This compact camcorder also features video recording at HD resolution of 1920x1080. You can also connect it to an HDTV via an HDMI cable, and easily playback the recorded high-definition videos on the wide screen HDTV.

Moreover, the camcorder has an advanced uploading feature. With the exclusive built-in CAMILEO UPLOADER application, you can upload the videos or photos captured by the camcorder to Internet more effortlessly.

ISO sensitivity and color balance can either be adjusted automatically or changed manually. A 16x digital zoom helps you to control over the videos and photos you take.

The built-in memory allows you to take photos and to record videos without a memory card. The memory card slot allows users to increase the storage capacity.



Note

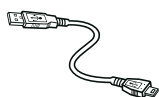
- Partial memory of the built-in memory is used for the camcorder's Firmware code.
- Install the bundled software application for viewing the videos correctly on a PC.

Check the Components

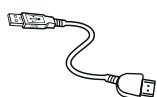
Unpack the package and make sure all standard accessories listed are included:



Camcorder



USB Cable



HDMI Cable



AC Adapter



Lithium-ion
Rechargeable
Battery*



CD-ROM
(Software, User's Manual
& Warranty Information)



Quick Start Guide



Cleaning Cloth



Strap



Pouch



Tripod



Warranty Leaflet

*preinstalled in camcorder device



Note

Please remove the lens protect film on lens before use.

Safety Instructions

1. Do not drop, puncture or disassemble the camcorder; otherwise the warranty will be voided.
2. Avoid all contact with water, and dry hands before using.
3. Do not expose the camcorder to high temperature or leave it in direct sunlight. Doing so may damage the camcorder.
4. Use the camcorder with care. Avoid pressing hard on the camcorder body.
5. For your own safety, avoid using the camcorder when there is a storm or lightning.
6. Do not use batteries of different specifications. Doing so may lead to the potential for serious damage.
7. Remove the battery during long periods between usage, as a deteriorated battery may affect the functionality of the camcorder.
8. Remove the battery if it shows signs of leaking or distortion.
9. Use only the accessories supplied by the manufacturer.
10. Keep the camcorder out of the reach of infants.
11. Risk of explosion if battery is replaced by an incorrect type.
12. Dispose of used batteries according to the instructions.

System Requirements

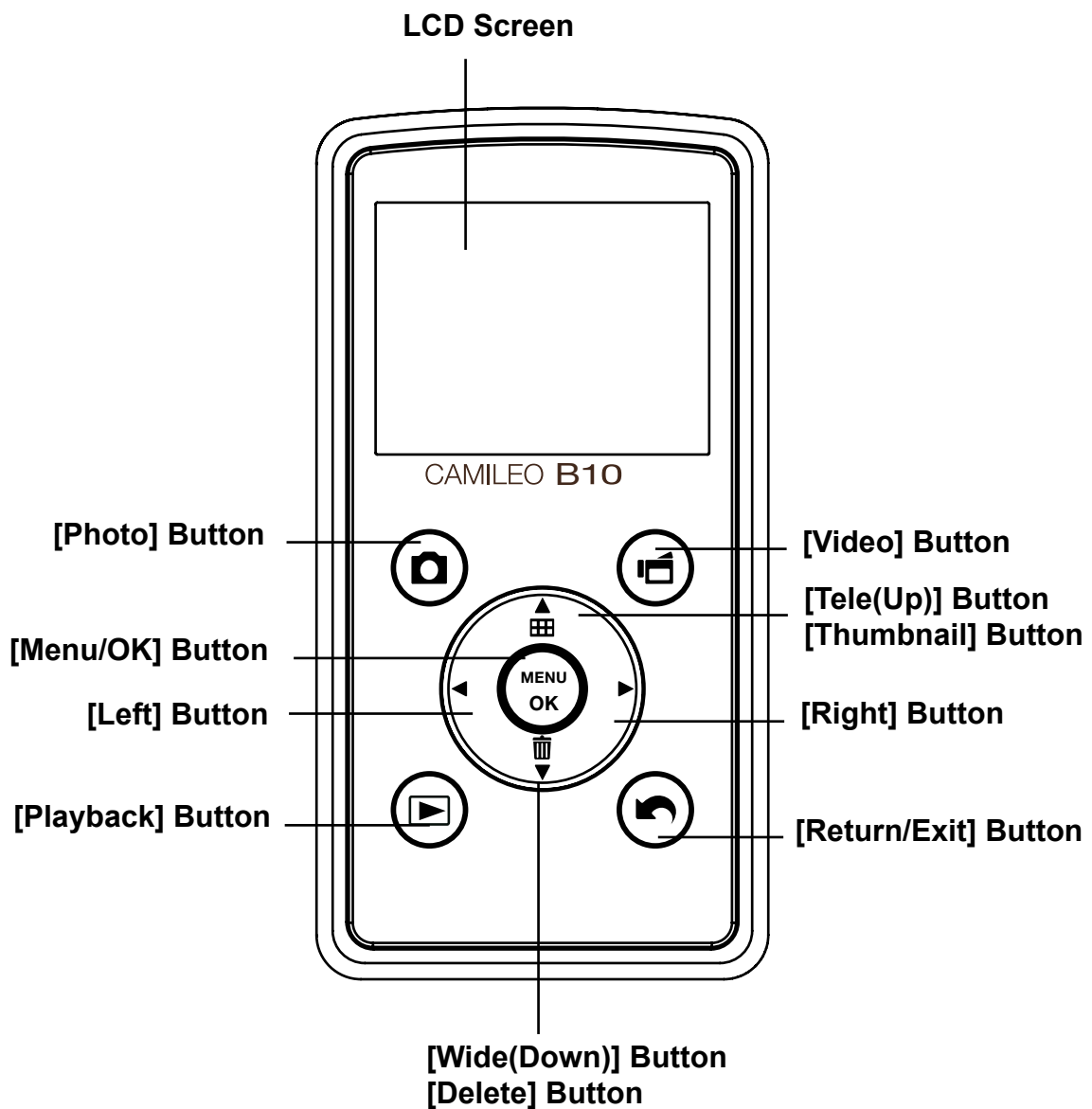
OS	Microsoft Windows XP, Vista, 7
Hardware	CPU Intel Pentium 4, 2.4GHz or above
	512MB system memory
	1GB hard disk space
	4x CD-ROM
	1x available USB port
	16-bit Color Display



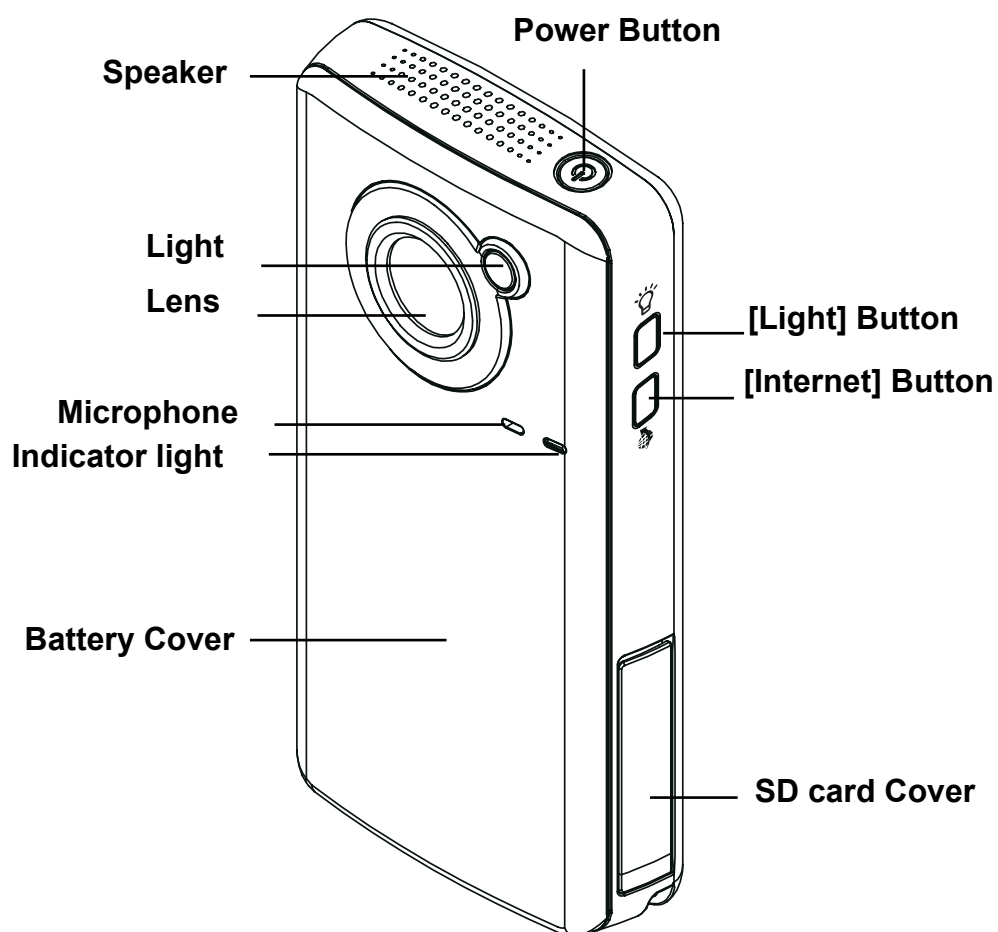
Note

The LCD screen is manufactured using extremely high-precision technology. However, some tiny black and/or bright dots (white, red, blue or green) may appear on the LCD screen. These dots are a normal result of the manufacturing process, and do not affect the recording.

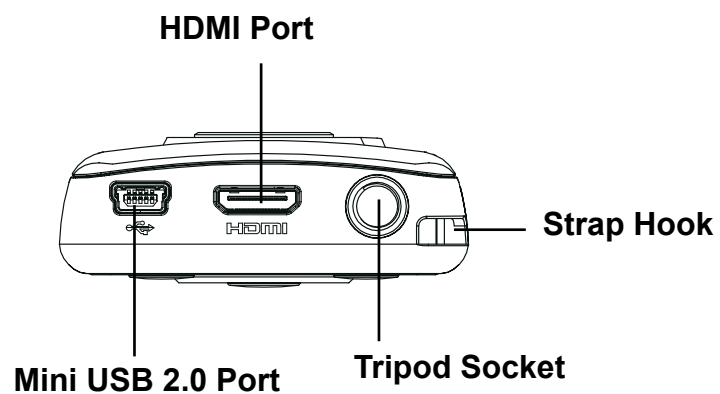
Front View



Side View



Bottom View



Section 2

Getting Started

Loading the Battery

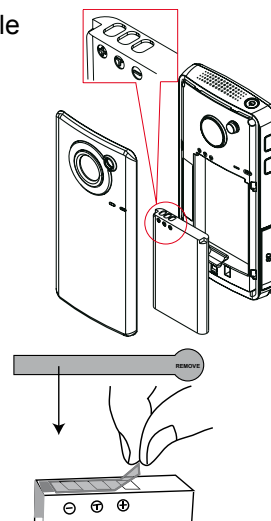
Before using the camera, you must load the supplied Lithium-ion rechargeable battery.

1. Insert the battery according to the correct polarity marks (+ or -).
2. Close the battery cover firmly.



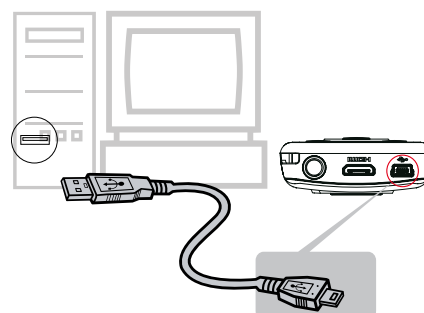
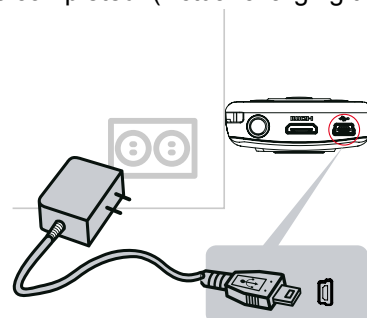
Note

Please remove the insulator on battery connection before use.



Charge your battery

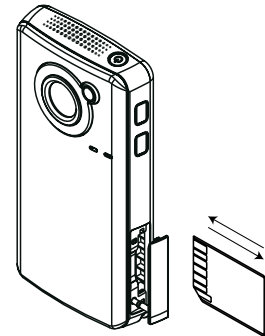
You must use the supplied AC charger or the USB cable. The camcorder must be turned OFF. The blinking light confirms the camcorder is currently charging, and the light becomes constant after the charging is completed. In AC charging Mode, the full charge time is about 3.5 to 4.5 hours and the light will turn itself off automatically after 3~5 minutes when the charging is completed. (Actual charging time may vary. It depends on the battery conditions.)



Inserting and Removing an SD Card (Optional)

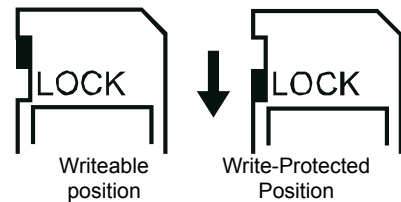
The camcorder comes with an internal memory which allows you to store photos and videos. You can expand the memory capacity by using an optional SD/SDHC/SDXC memory card.

1. Insert the memory card into the slot. Please refer to the figure on the right side.
2. To remove an installed SD card, press the card inwards to release it.
3. When the card pops out, gently remove it from its slot.
4. Recommended memory capacity: 1GB or above.



Note

- When a memory card is fitted, videos/photos are saved on the card rather than on the built-in memory.
- *Protecting Data on an SD Card: SD Card is read-only when it is locked. No photos or videos can be recorded when the SD card is locked. Make sure the lock is on the writeable position before recording any media.*



Turning the Camcorder On and Getting Started

- To turn on the camcorder:
 1. Press [Power Button] for one second to turn it on.
- To record video: In Record Mode, press [Video Button] to record videos. To stop recording, press it again.
- To take a photo: In Record Mode, press [Photo Button] to take photo.
- To view stored videos and photos: Press [Playback Button] to switch to the Playback mode.




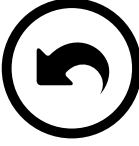
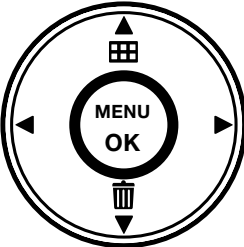


Turning the Camcorder Off

- To turn off the camcorder:
 2. Press [Power Button] for one second to turn off.

Section 3

Record Mode

Button Function







	[Video] Button: <ol style="list-style-type: none"> 1. Press to take video. 2. To stop recording, press it again.
	[Photo] Button: <ol style="list-style-type: none"> 1. Press to take photo.
	[Playback] Button: <ol style="list-style-type: none"> 1. Switch between the Record /Playback Mode.
	[Return/Exit] Button: <ol style="list-style-type: none"> 1. Return to the previous screen. 2. Exit.
	[Tele(Up)] Button: <ol style="list-style-type: none"> 1. Zoom In. 2. Move between the option items. [Wide(Down)] Button: <ol style="list-style-type: none"> 1. Zoom Out. 2. Move between the option items. [Left] Button: <ol style="list-style-type: none"> 1. Move between the option items. [Right] Button: <ol style="list-style-type: none"> 1. Move between the option items. [Menu/OK] Button: <ol style="list-style-type: none"> 1. Menu ON. 2. Validate the setting.
	Power Button: <ol style="list-style-type: none"> 1. Press down for one second to turn on or turn off the camcorder.
	[Light] Button: <ol style="list-style-type: none"> 1. Light On/ Light Off/Digital Light

LCD Monitor Information

The indicators shown below may display on LCD when videos and photos are recorded:



(1)		Battery: full power
		Battery: medium power
		Battery: low power
		Battery: empty power
		DC power mode
(2)	Video Resolution	
		FULL HD 1080/30
		HD 720/60
		HD 720/30
		VGA 480/30
		Slow Motion (When Slow Motion function is activated, the video resolution is QVGA.)
	Photo Resolution	
		High-16MP
		Standard-5MP
		Low-3MP
(3)		Digital Light On
		Light On

(4)	Video Record Mode	
		Stabilization On/ Off
	Photo Record Mode	
		Self-timer On/ Off
(5)	00:03:12	Remaining recordable time
	00:03:12 	Recording time
	 25	The amount of photos that can still be taken at current resolution
	▲ 12	Number of current photo
(6)		Motion Detection (Video Record Mode Only)
(7)		Zoom meter: 1X~16X (16X Digital zoom)



Note

- Filter: Black&White / Classic / Negative can be previewed immediately without the indicator on the LCD screen.
- Stabilization, Time Lapse, and Slow Motion functions can not be used simultaneously.
- Motion Detect, Time Lapse, and Slow Motion functions can not be used simultaneously.
- Motion Detect, Slow Motion, and Zooming functions can not be used simultaneously.

Video Recording

- In Video Record Mode, press [Video] Button to start recording. When a video is being recorded, a time indicator will display on the LCD monitor. To stop recording, press the [Video] Button again.
- Press the [Playback] Button to view the recorded videos.
- Four resolution settings are available:










Video Quality	
	FULL HD 1080/30: 1920x1080p 30
	HD 720/60: 1280x720p 60
	HD 720/30: 1280x720p 30
	VGA 480/30: 640x480p 30

Photo Recording

- In Photo Record Mode, press the [Photo] Button to take photos.
- Press the [Playback] Button to view the photos.
- Three resolution settings are available:

Image Quality	
	High-16 Mega Pixels: 4608 x 3456
	Standard-5 Mega Pixels: 2592 x 1944
	Low-3 Mega Pixels: 2048 x 1536

Using Digital Light or Light Function

- The setting allows you to brighten the area or to extend the brightness of the objects.
 1. Press the [Light] Button, the Digital Light icon() will appear on the screen to extend dynamic range for backlight and high contrast sense so that the objects will be brighter and clearer.
 2. Press again, the Light icon() will appear on the screen. The light will be turned on and keeps providing light.
 3. Press the [Video]/[Photo] Button to start recording or to take photo.
 4. Press the [Light] Button again to suspend the light.








Note

- The light will be disabled automatically when battery power is low ().

Using Digital Zoom



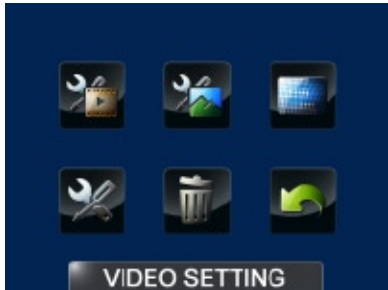
- The digital zoom magnifies images when recording videos or taking photos.
 1. To zoom in/out, press the [Tele(Up)] / [Wide(Down)] Button.
 2. The digital zoom can be set from 1x to 16x.

Options for Menu



Video Setting	Photo Setting	Effects	Setup*	Delete
				
<ul style="list-style-type: none"> • Light • Resolution • Stabilization • Motion Detect • Slow Motion • Pre-Record • Time Lapse • Continuous Play 	<ul style="list-style-type: none"> • Light • Resolution • Self-Timer • Face Tracking • Date Printing • ISO • Slideshow 	<ul style="list-style-type: none"> • Scene • Filter • White Balance 	<ul style="list-style-type: none"> • Menu Sound • TV • Language • Time Setting • Format • Default Setting 	<ul style="list-style-type: none"> • Delete Video • Delete Photo • Select & Delete • Delete All

* Please refer to Section 5 for the detailed information about [Setup].

Operations

Operation	Screen
1. Press the [Menu/OK] Button in the Record Mode. The main menu will show on the screen.	
2. The options are Video Setting, Photo Setting, Effects, Setup, and Delete. 3. Use the Direction Button to select the desired option, and then press the [OK] Button to enter the submenu. 4. Use the Direction Button to select the specific option you want to adjust and then press the [OK] Button to validate the setting. 5. Or press the [Playback] Button/ select the Return icon () to exit.	




Video Setting


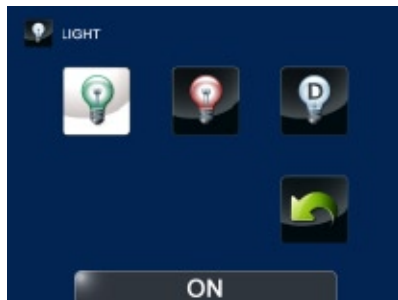
Operation	Display Screen
<ol style="list-style-type: none"> 1. Press [Menu/OK] Button in the Record Mode. The main menu will show on the screen. 2. Use the Direction Button to select the [Video Setting ] icon and then press the [OK] Button to enter its submenu. 3. The Video Setting menu contains 8 options--Light, Resolution, Stabilization, Motion Detect, Slow Motion, Pre-Record, Time Lapse, and Continuous Play --for you to adjust the camcorder settings. 	



Light

You can select the mode to brighten the area or to extend the brightness of the objects.

	On	The light will be turned on and provides light when recording.
	Off	The light is turned off.
	Digital Light	Extend the dynamic range for backlight and high contrast sense, so that the objects will be brighter and clearer.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Light] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Resolution

Four resolution settings are available.

	FULL HD 1080/30	Record videos at 1920x1080p 30 resolution.
	HD 720/60	Record videos at 1280x720p 60 resolution.
	HD 720/30	Record videos at 1280x720p 30 resolution.
	VGA 480/30	Record videos at 640x480p 30 resolution.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Resolution] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Stabilization

Record with an effect of reducing the camcorder shake to result in more stable video.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Stabilization] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Motion Detection



Record video automatically when the camcorder detects a movement.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Motion Detect] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 4. The camcorder will start to record video automatically if it detects a movement. Stop recording if it does not detect a movement. 	



Slow Motion

Record video with slow motion effect. When the video is played, the playback time will be longer than the actual recording time.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Slow Motion] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	





Note

- The view angle may become smaller when the Slow Motion is activated.
- When Slow Motion function is activated, the video resolution is 320x240.)



Pre-Record

The Pre-record function ensures that you will not miss any critical recording opportunities. The videos are recorded 1 second more before the [Video Button] is pressed.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Pre-Record] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Note

- Be sure to aim the camcorder at the subject and position it securely.
- Once the Pre-Record function is activated, it will be disabled when you setup any other video setting.



Time Lapse

Record still images at specific intervals you can set and play them as one video file.

	Off	Disable Time Lapse.
	1 Second	Record one frame per second.
	3 Seconds	Record one frame every 3 seconds.
	5 Seconds	Record one frame every 5 seconds.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Time Lapse] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Note

- Motion Detect, Time Lapse, and Slow Motion functions can not be used simultaneously.


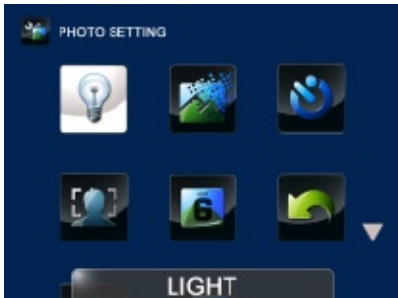


Continuous Play

Playback the files continuously.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Setting menu, select the [Continuous Play] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	




Photo Setting


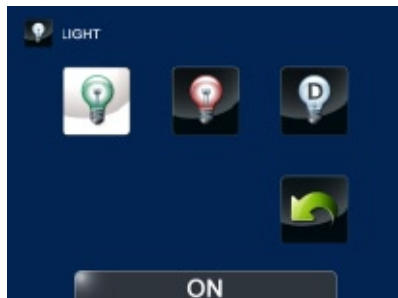
Operation	Display Screen
<ol style="list-style-type: none"> 1. Press [Menu/OK] Button in the Record Mode. The main menu will show on the screen. 2. Use the Direction Button to select the [Photo Setting ] icon and then press the [OK] Button to enter its submenu. 3. The Photo Setting menu contains 7 options--Light, Resolution, Self-Timer, Face Tracking, Date Printing, ISO, and Slideshow--for you to adjust the camcorder settings. 	



Light

You can select the mode to brighten the area or to extend the brightness of the objects.




	On	The light will be turned on and provides light when recording.
	Off	The light is turned off.
	Digital Light	Extend the dynamic range for backlight and high contrast sense, so that the objects will be brighter and clearer.



Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [Light] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Resolution

Three resolution settings are available.


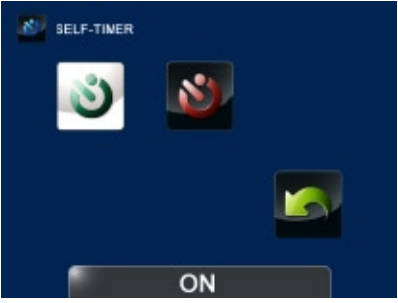
	High-16M	Shoot photo at 4608 x 3456, 16 Mega Pixels quality.
	Standard-5M	Shoot photo at 2592 x 1944, 5 Mega Pixels quality.
	Low-3M	Shoot photo at 2048 x 1536, 3 Mega Pixels quality.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [Resolution] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Self-Timer




The self-timer allows you to take photos with a ten-second time delay. The Indicator light on the rear of the camcorder will also blink. The speed of blinking will increase just before the photo is taken.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [Self-Timer] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Face Tracking


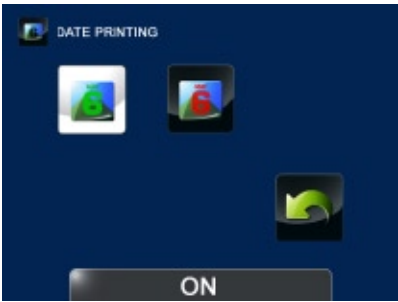

The camcorder can detect human face(s) and focus on the face(s) automatically. This function works in photo mode for capturing portraits in backlight scenes.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [Face Tracking] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	
<ol style="list-style-type: none"> 4. In Record Mode, aim the camcorder at the face(s). The face frame(s) will appear around the face. 	



Date Printing

Imprint the date and time on the photo.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [Date Printing] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	
<ol style="list-style-type: none"> 4. As the function is activated, the date will appear on the corner of the photo. 	



ISO

The camcorder adjusts the ISO sensitivity of its images automatically. Two manual ISO sensitivity settings are available. (800/1600). The larger the number is, the higher the ISO sensitivity is set to. Select a small number to shoot a smoother image. Select a large number to shoot an image in a dark location or to shoot a subject moving at high speed.

	Auto	Set the ISO sensitivity automatically.
	800	ISO 800
	1600	ISO 1600

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [ISO] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Note

The image may become noisy when the ISO number is large.




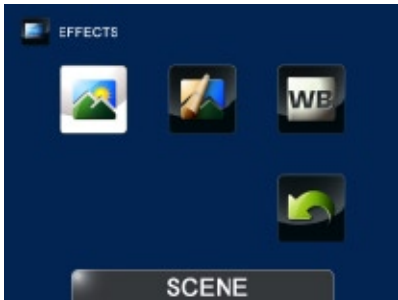
Slideshow

Display photos one after another in turn.

	2 Seconds	Display one photo every 2 seconds
	5 Seconds	Display one photo every 5 seconds
	10 Seconds	Display one photo every 10 seconds
	OFF	Disable Slideshow

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Setting menu, select the [Slideshow] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	





Effects


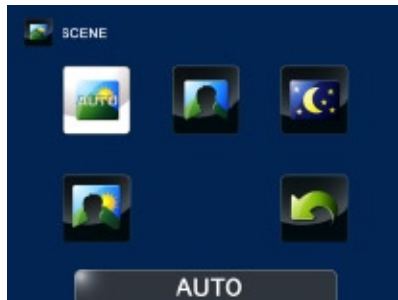
Operation	Display Screen
<ol style="list-style-type: none"> 1. Press [Menu/OK] Button in the Record Mode. The main menu will show on the screen. 2. Use the Direction Button to select the [Effects ] icon and then press the [OK] Button to enter its submenu. 3. The Effects menu contains 3 options-- Scene, Filter, and White Balance --for you to adjust the camcorder settings. 	



Scene

You can select the mode according to the scene condition.

	Auto	Automatic adjustment
	Skin	Shoot with an effect that makes skin tones more natural.
	Night	Use Night Mode for night scenes or low light conditions.
	Backlight	You can take shots when the bright light is behind the subject.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Effects menu, select the [Scene] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Note

To avoid blurry photos, place the camcorder on a flat, steady surface, or use a tripod when taking shots in the Night Mode.



Filter

You can select the special filter effects on the videos or photos.

	Auto	Shoot without any special effect on the image.
	Black & White	The image is converted to black-and-white.
	Classic	The image is converted to a sepia look.
	Negative	The image is converted as the negative of the normal.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Effects menu, select the [Filter] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	




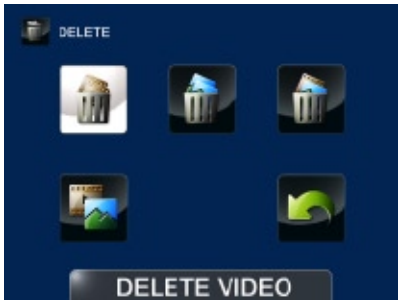
White Balance

The camcorder adjusts the color balance of images automatically. Three manual white balance settings are available:

	Auto	The camcorder automatically adjusts white balance.
	Daylight	Under outdoor condition.
	Fluorescent	Under fluorescent light condition.
	Tungsten	Under tungsten light condition.



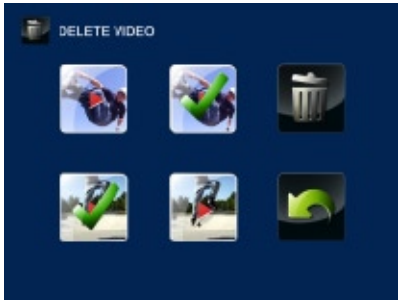
Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Effects menu, select the [White Balance] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	

Delete

Operation	Display Screen
<ol style="list-style-type: none"> 1. Press [Menu/OK] Button in the Record Mode. The main menu will show on the screen. 2. Use the Direction Button to select the [Delete ] icon and then press the [OK] Button to enter its submenu. 3. The Delete menu contains 4 options-- Delete Video, Delete Photo, Select & Delete, and Delete All --for you to manage the videos and photos in the built-in memory or the SD card. 	



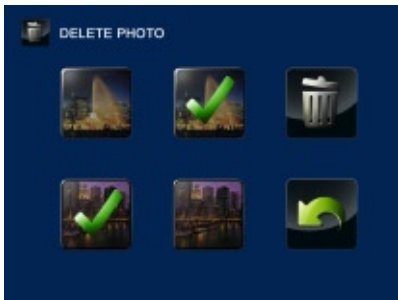


Delete Video

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Delete menu, select the [Delete Video] icon and then press the [OK] Button to enter the video thumbnail screen. 2. Select the desired videos and press the [OK] Button. (The check marks will be shown on the selected files.) 3. Select  and press the [OK] Button to delete the selected videos. 4. Or press the [Playback] Button/ select the Return icon () to exit. 	



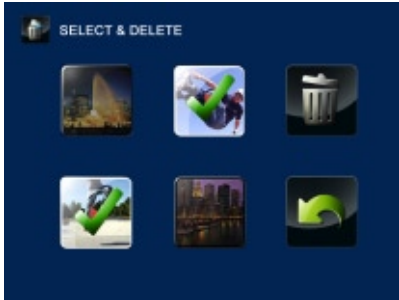


Delete Photo

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Delete menu, select the [Delete Photo] icon and then press the [OK] Button to enter the photo thumbnail screen. 2. Select the desired photos and press the [OK] Button. (The check marks will be shown on the selected files.) 3. Select  and press the [OK] Button to delete the selected photos. 4. Or press the [Playback] Button/ select the Return icon () to exit. 	





Select & Delete


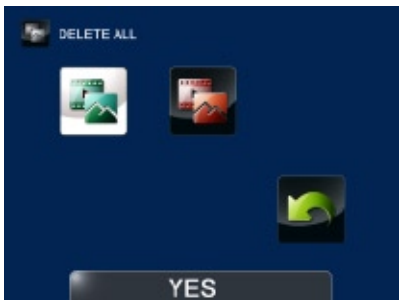
Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Delete menu, select the [Select & Delete] icon and then press the [OK] Button to enter the video/photo thumbnail screen. 2. Select the desired files and press the [OK] Button. (The check marks will be shown on the selected files.) 3. Select  and press the [OK] Button to delete the selected files. 4. Or press the [Playback] Button/ select the Return icon () to exit. 	



Delete All

Use this option to delete all of the videos and photos

	Yes	Delete all of the videos and photos in the built-in memory. Delete all of the videos and photos on the SD card (If the SD card is inserted in the camcorder.).
	No	Do not delete all of the videos and photos in the built-in memory. Delete all of the videos and photos on the SD card (If the SD card is inserted in the camcorder.).

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Delete menu, select the [Delete All] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



Note





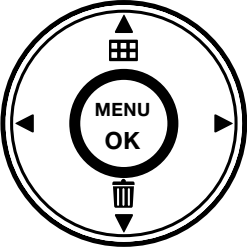

- If a memory card has been inserted, you can only delete those videos / photos stored on the card.
- Videos / photos on a written-protected memory card cannot be deleted.

Section 4

Playback Mode

Button Function

The Buttons have the following functions in Playback Mode.


	<p>[Video] Button:</p> <ol style="list-style-type: none"> 1. In Playback Mode, press to switch to the Video Playback Mode.
	<p>[Photo] Button:</p> <ol style="list-style-type: none"> 1. In Playback Mode, press to switch to the Photo Playback Mode.
	<p>[Playback] Button:</p> <ol style="list-style-type: none"> 1. Switch between the Record /Playback Mode.
	<p>[Return/Exit] Button:</p> <ol style="list-style-type: none"> 1. Return to the previous screen. 2. Exit.
	<p>[Tele(Up)] Button:</p> <ol style="list-style-type: none"> 1. Go to the video/photo thumbnail screen. 2. When playing video, press to increase volume. <p>[Wide(Down)] Button:</p> <ol style="list-style-type: none"> 1. Go to the delete screen. 2. When playing video, press to decrease volume. <p>[Left] Button:</p> <ol style="list-style-type: none"> 1. Go to the previous video/photo. <p>[Right] Button:</p> <ol style="list-style-type: none"> 1. Go to the next video/ photo. <p>[Menu/OK] Button:</p> <ol style="list-style-type: none"> 1. In Video Playback mode, press to play/pause the video. 2. Validate the setting.
	<p>Internet Button:</p> <ol style="list-style-type: none"> 1. In Playback Mode, press to select the current video or photo to upload to the Internet.

LCD Monitor Information

Indicators on the LCD screen while in Playback Mode:




Video Playback Mode	Photo Playback Mode

(1)		Battery: full power
		Battery: medium power
		Battery: low power
		Battery: empty power
		DC power mode
(2)	Video Resolution	
		FULL HD 1080/30
		HD 720/60
		HD 720/30
		VGA 480/30
		Slow Motion (The video resolution is QVGA.)
	Photo Resolution	
		High-16MP
		Standard-5MP
		Low-3MP
(3)		The current file is selected to upload to the Internet.

(4)	00:03:12	Playback time counter
	▲ 12	Number of current photo
	▼ 25	Total number of photos
(5)		Volume
(6)	2 / 2	Current number/ Total number of videos

Operations for Playback Mode

The Playback Mode is for viewing and managing videos and photos on the built-in memory or on an SD Card.

Operation	Display Screen
1. In Video Record Mode, press the [Playback] Button to switch to the Video Playback Mode. 1. In Photo Record Mode, press the [Playback] Button to switch to the Photo Playback Mode.	 
2. Press the [Tele(Up)] Button to go to the video/photo thumbnail screen of videos and photos. 3. In the thumbnail screen of videos and photos, select the file and then press the [OK] Button to go the file. 4. Or press the [Playback] Button to exit.	

Video Playback


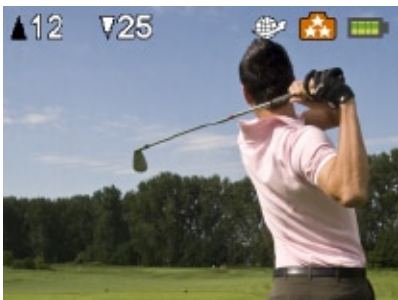








Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Video Playback Mode, press the [OK] Button to play or pause the video. 2. When the video is paused, press the [Down] Button to go to its delete screen. 3. Use the [Right/Left] Button to go to the next/previous video. 4. While playing video, press the [Right/Left] Button to fast forward/rewind, then press the [OK] Button to stop. 5. Use the [Tele(Up)/Wide(Down)] Button to adjust the volume. 6. Press the [Internet] Button to select the current video to upload to Internet. 	

Photo Playback

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Photo Playback Mode, use the [Right/Left] Button to go to the next/previous photo. 2. Press the [OK] Button to pause the slideshow. 3. Press the [Internet] Button to select the current photo to upload to Internet. 	

Delete File in Playback Mode

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Playback Mode, press the [Down] Button to go to the delete screen. 2. Select  to delete the current file and then select  to delete it. Select  to cancel and exit. 3. Select  to delete all files and select  to delete them. Select  to cancel and exit 4. Or press the [Return/Exit] Button to cancel the operation and exit. 	 



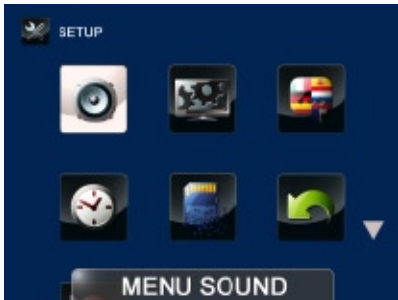
Note

- Videos and Photos on a written-protected memory card cannot be deleted.

Section 5

Setting Your Camcorder


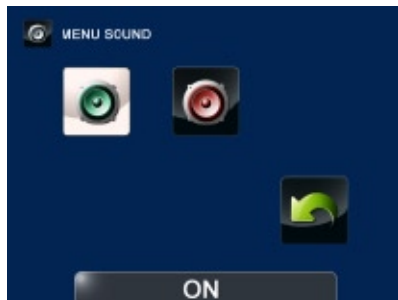
Setup Menu

Operation	Display Screen
<ol style="list-style-type: none"> 1. Press [Menu/OK] Button in the Record Mode. The main menu will show on the screen. 2. Use the Direction Button to select the [Setup] icon and then press the [OK] Button to enter its submenu. 3. The Setup menu contains 6 options for configuring your camcorder setup. They are Menu Sound (operation sound), TV, Language, Time Setting, Format, and Default Setting. 	



Menu Sound


Enable or disable the keypad tone and the operation sound.


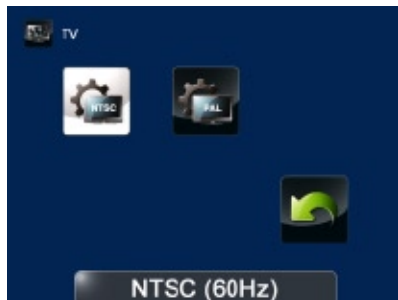
Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Setup menu, select the [Menu Sound] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	



TV



Ensure that the appropriate TV standard of your area is selected – either NTSC or PAL. Wrong TV system setting may cause image flickers.

	NTSC(60Hz)	USA, Canada, Japan, South Korea and Taiwan, etc.
	PAL(50Hz)	UK, Europe, China, Australia, Singapore and Hong Kong, etc.



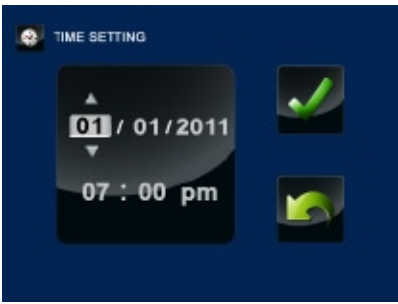
Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Setup menu, select the [TV] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	

Language

Use this option to select the language of the user interface.



Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Setup menu, select the [Language] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	


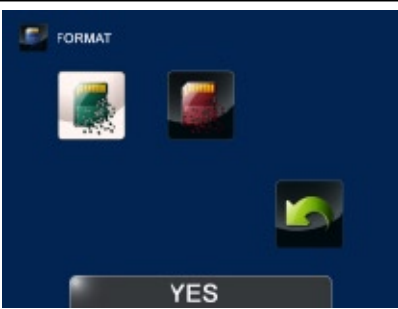
Time Setting

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Setup menu, select the [Time Setting] icon and then press the [OK] Button to enter its setting menu. 2. Use the [Right/Left] Button to move between Day, Month, Year, Hour and Minute. 3. Use the [Up/Down] Button to adjust the numeric value. 4. Press the [OK] Button / select the [Confirm] icon () to validate the setting. 5. Or press the [Playback] Button/ select the Return icon () to exit. 	

Format

Use this option to erase all data in the built-in memory or the SD card.

	Yes	Format the built-in memory (When there is no SD card in the camcorder) / SD card (When there is an SD card in the camcorder).
	No	Do not format the built-in memory (When there is no SD card in the camcorder) / SD card (When there is an SD card in the camcorder).

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Setup menu, select the [Format] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	





Note


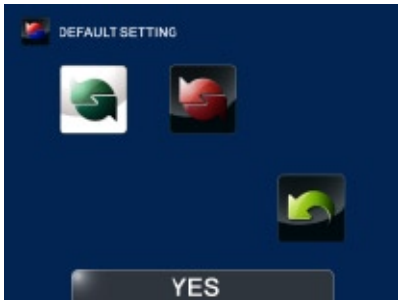
All the data will be erased if the SD card is formatted. Make sure all the data are copied to your PC before formatting the SD card.



Default Setting

Use this option to restore the default factory setting.

	Yes	Restore the default factory setting.
	No	Do not restore the default factory setting.

Operation	Display Screen
<ol style="list-style-type: none"> 1. In the Setup menu, select the [Default Setting] icon and then press the [OK] Button to enter its setting menu. 2. Select the desired option and then press the [OK] Button to validate the setting. 3. Or press the [Playback] Button/ select the Return icon () to exit. 	

The following table indicates the camcorder's default settings

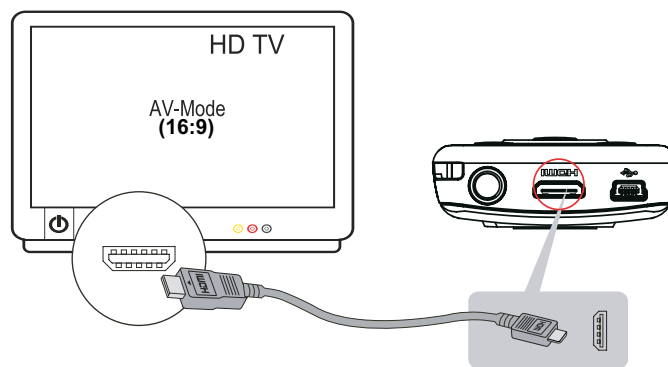
Setting	Default Factory Setting
Resolution	Full HD 1080/30 for Video Standard- 5M for Photo
Light	Off
Stabilization	On
Motion Detection	Off
Slow Motion	Off
Pre-Record	Off
Time Lapse	Off
Continuous Play	Off
Self-Timer	Off
Face Tracking	Off
Date Printing	Off
ISO	Auto
Slideshow	Off
Scene	Auto
Filter	Auto
White Balance	Auto
Menu Sound	On
TV	Depends on shipping area
Language	Depends on shipping area
Volume	Level 3

Section 6

Viewing Photos and Videos on TV

Connecting to a High-Definition 16:9(Wide) TV

1. Connect the HDMI cable to your camcorder's HDMI Out port.
2. Connect the other end of the cable to a television.
3. Set the video input source of your TV to "HDMI."
4. The steps for viewing stored videos and photos on an HDTV are exactly the same as for viewing them on the LCD monitor.



Note

The camcorder can not run menu setting and thumbnail screen when it is connected to an HDTV.

Section 7

Viewing Photos and Videos on PC

Installing Bundled Software

The CD-ROM supplied with this camcorder contains 2 pieces of software.

- **ArcSoft MediaImpression** is a user-friendly application that helps you managing your media and uploading your files to the web sites easily.
- **Adobe Reader** is a popular program that you need to have installed to read the User's Manual. Many computer users will find they already have this software installed on their computer.

To install the bundled software:

1. Insert the CD-ROM into your computer's CD-ROM drive. The autorun screen appears.
2. Click "**Install Application Software**". Follow the on-screen instructions to complete the installation.



Note

Detailed information can be found in the online help of all the bundled software.

Install the bundled software application, ArcSoft MediaImpression, for viewing the videos correctly on a PC.

Transferring Photos or Videos to a Computer

You can transfer photos or videos stored on your camera to a computer and send them in e-mails to friends or post them on the web sites.

To do this you should:

1. Connect the computer and camera with the supplied mini USB 2.0 cable. .
2. The videos and photos can be found on your computer at "My Computer\Removable Disk\DCIM\100MEDIA".(If the SD card is inserted in the camcorder.)
3. Under this folder, you can view, delete, move, or copy any video/photo you want.


Section 8

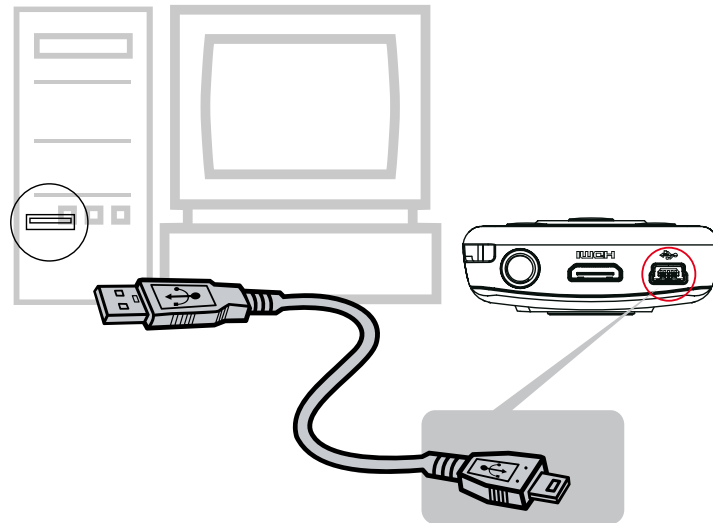
Uploading Files to Internet


The built-in **CAMILEO UPLOADER** application offers you an easy way to upload your files to the social websites instantly. It helps you share them with your family and friends on the web sites. Also, the bundled software, **ArcSoft MediaImpression**, can be used to upload your files to the web sites.

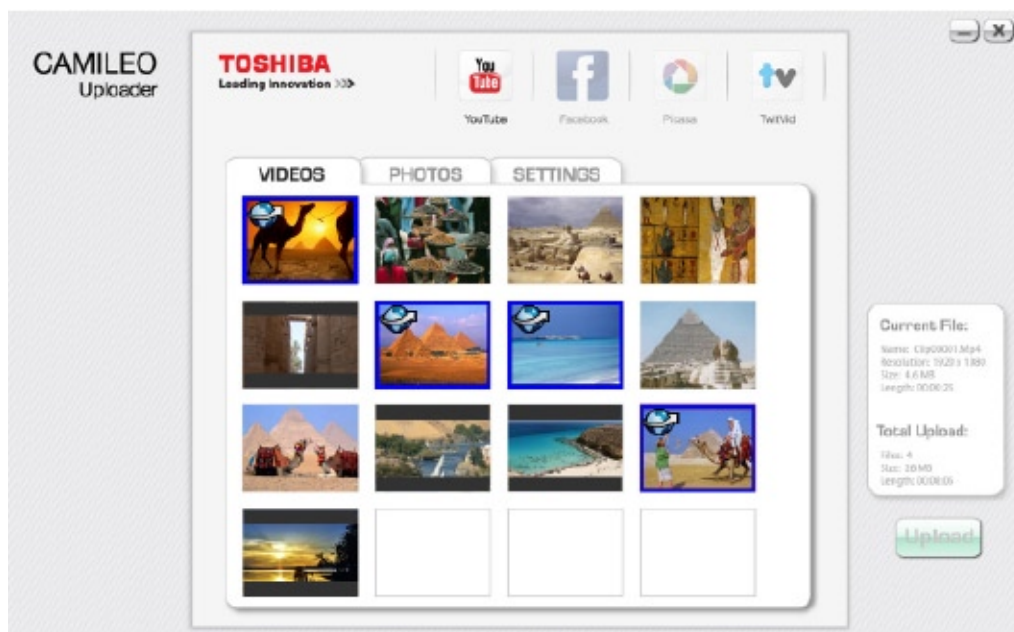
CAMILEO UPLOADER

To upload files marked with  to Internet:

1. Select the files in the Playback Mode by pressing [Internet Button]  . (The selected files are in the blue frames on the CAMILEO UPLOADER screen)
2. Connect the camcorder to your computer by the supplied USB cable.





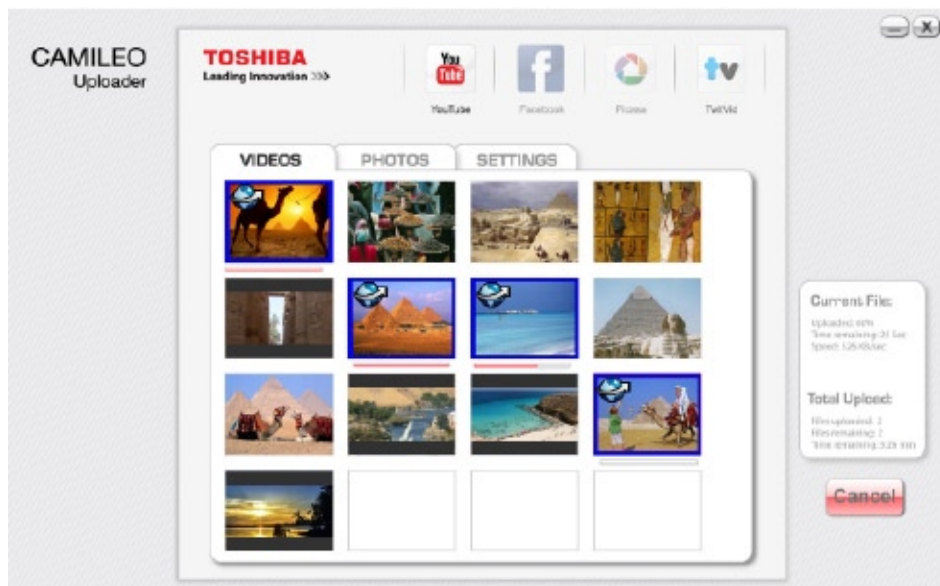
3. Press [Internet Button]  on the camcorder to launch the CAMILEO UPLOADER application automatically.



Note

If ArcSoft MediaImpression is not installed, you may be asked to install the H.264 Codec (ffdshow-a free software under GPL license) for viewing the videos on CAMILEO UPLOADER correctly.

4. Choose the website you want to upload.
5. Press [Internet Button]  on the camcorder again.
6. The files marked with  (also in the blue frame) will be uploaded to the website automatically.
(You have to fill in the information and check [Remember Password] on the [SETTINGS] page firstly.)
7. Click on “Cancel” to stop uploading.

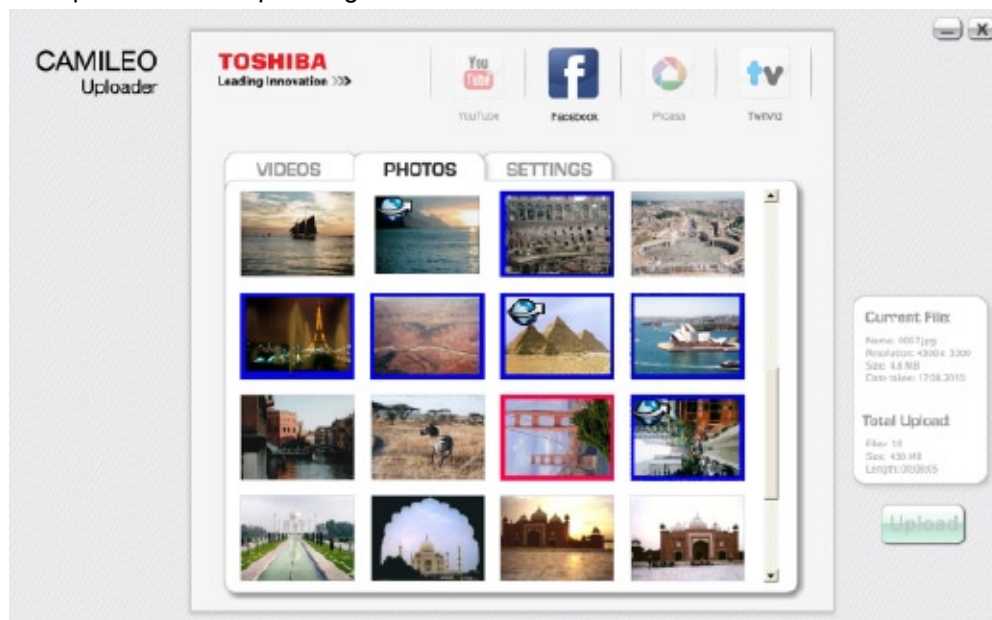


Note

*Some social websites may not be allowed to access in certain regions.
You must have internet access to upload files to the website.*

To upload files selected manually to Internet:

1. Follow the step 2 and 3 on the previous page.
2. Choose the website you want to upload.
3. Click on [VIDEOS]/[PHOTOS] to go to the videos/ photos thumbnail page. Scroll the bar to change the pages.
4. Click on the files you want to upload.
5. Click on “Upload” to start uploading.



To setup your account information for the website:

1. Choose the website.
2. Click on [SETTINGS] to go to the setup page.
3. Fill in your account information in the blanks. Then click on "Save".
4. You can check [Remember Password] to save your account information and password in CAMILEO UPLOADER. (If it is unchecked, the password request will appear after clicking on "UPLOAD" on the thumbnail page.)
5. If you do not have an account of the website, please sign up on the website first.



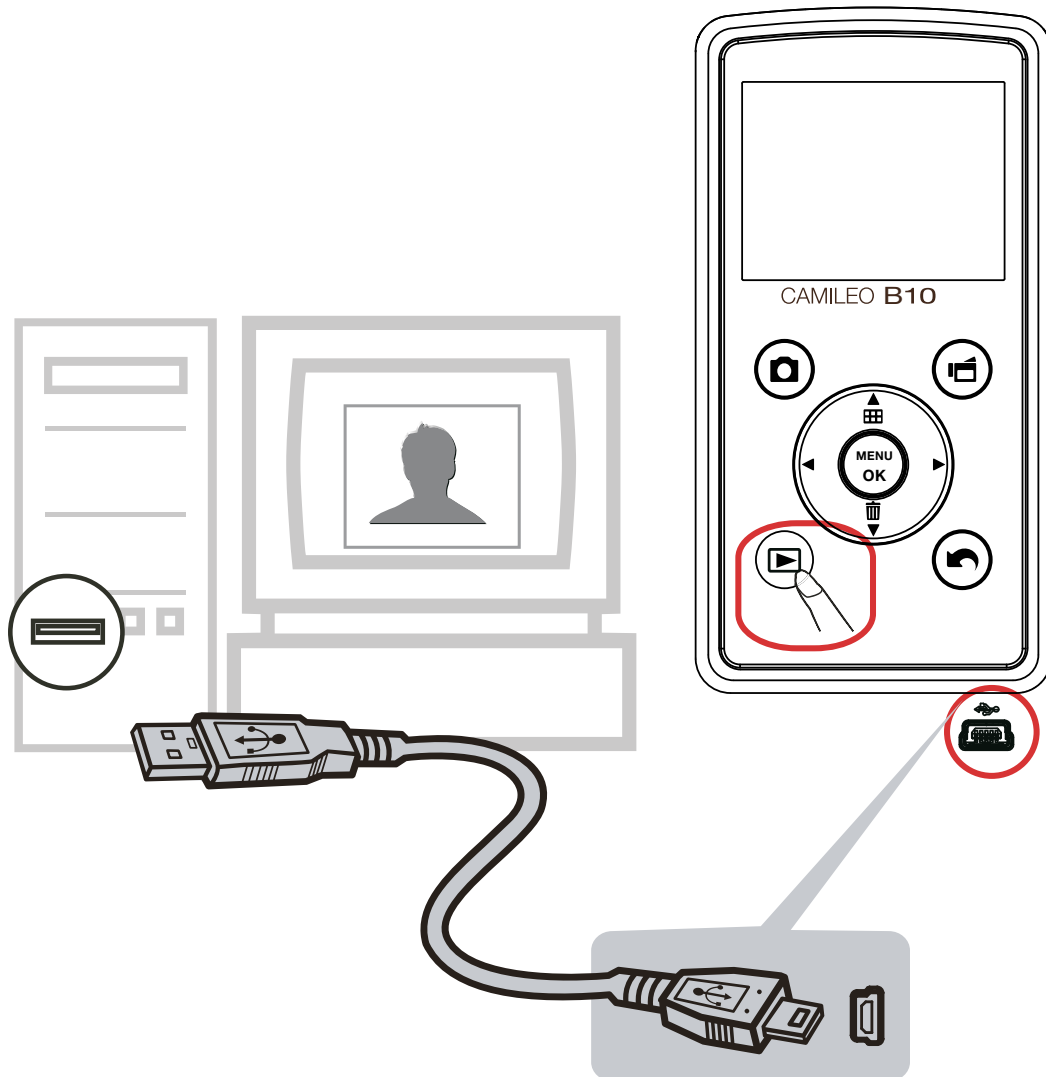
(SETTING page for YouTube as example)

Section 9

PC Camera Mode

PC Camera Mode-Webcam

Connect the computer and camcorder with the supplied mini USB2.0 cable. Press the [Playback] Button to switch to the PC Camera Mode. The Indicator Light turns BLUE. In this mode, you can implement live video conference meetings and multimedia communications.



Section 10

Specifications

Specification	
Image sensor	5 Mega pixel CMOS sensor
Operation modes	Video record, Photo record
Lens	Fixed Focus (F 2.5)
Focus range	HD 720/60 & HD 720/30: 75 cm (29.5 inches) ~ infinity Photo & FULL HD 1080/30:110 cm (43.3 inches) ~ infinity
Zoom	1X~16X (16X Digital zoom)
Shutter	Electronic
LCD monitor	5.08 cm (2.0 inches) LCD
Storage media	Built-in 128MB memory (partial memory is used for firmware code); SD/SDHC/SDXC card slot support (up to 64GB)
Image resolution	HIGH – 16MP :16 Mega Pixels 4608 x 3456 (Interpolated) STANDARD – 5MP : 5 Mega Pixels 2592x1944 LOW – 3MP : 3 Mega Pixels 2048x1536
Video resolution	FULL HD 1080/30 : 1920X1080(30fps) HD 720/60 : 1280X720(60fps) HD 720/30 : 1280X720(30fps) VGA 480/30 : 640X480(30fps)
White balance	Auto/Manual (Daylight, Fluorescent, Tungsten)
ISO	Auto/800/1600
Self-timer	10 seconds delay
Light	Light ON/Light OFF/ Digital Light ON
File format	Photo: JPG Video: MP4 (H.264)
Image play	Single image/Slideshow
PC interface	Mini USB 2.0 port
TV out	HDMI
Battery	Lithium-ion rechargeable battery
Dimension	56mm (W) × 108mm (H) × 18mm (D) (2.2(W) × 4.25 (H) × 0.71 (D) inches)
Weight	83 g (without battery)

Section 11

Troubleshooting

Troubleshooting

1. The files on the memory card do not display smoothly when the LCD shows the “!” marking.

The “!” symbol means the SD card is too low of a speed or contains corrupted files. The way to solve this condition is to format SD card by the camcorder instead of a PC (Please refer to the detailed Format instruction in Section 5).

Or please change the SD/SDHC/SDXC card to a high speed one.

2. Why do some of my indoor photos look blurry and dark?

The camcorder extends photo exposure time under low light/ indoor condition. Keep the camcorder (and the target subject) steady for several seconds when taking photos. The shutter will sound when photos are being taken.

3. How do I charge battery?

You must use the supplied AC charger or the USB cable. The camcorder must be turned OFF. The blinking light confirms the camcorder is currently charging, and the light becomes constant after the charging is completed. In AC charging Mode, the full charge time is about 3.5 to 4.5 hours and the light will turn itself off automatically after 3~5 minutes when the charging is completed. (Actual charging time may vary. It depends on the battery conditions.)

4. After connecting the USB cable to the computer,

1. The disk “DV” indicates the internal memory of the camcorder.
2. “Removable Disk” indicates the external memory. (If the SD card is inserted in the camcorder.)
3. The disk “DVAP” indicates the built-in CAMILEO UPLOADER application is saved to this disk. Please DO NOT format this disk or delete the application inside; otherwise, the CAMILEO UPLOADER application may not function.

Section 12

Other Information

TOSHIBA Support

Need help?

WE ARE HERE FOR YOU

We believe in our customers and we are here for you. We understand that you may have questions regarding your new TCL Product. Should you require any assistance, from technical questions to more general information, our Technical Support and Customer Service staff is available to you.

You may reach any one of our Technical Support or Customer Service Representatives by contacting our Support line at 1-800-663-0378

or

visit our website at

www.toshiba.ca/support.

Operating Environment Conditions

Operating temperature: 5 to 35° C

Operating humidity: 20 to 80 %

(no condensation allowed)

Regulatory Information

IC Information

This Class B digital apparatus complies with Canadian ICES-003.



FCC Information

Product Name: Camcorder

Model number: CAMILEO™ B10

FCC notice "Declaration of Conformity Information"

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.

Additional Information

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Product specification, configurations, prices, system/component/options availability are all subject to change without notice. All other products and names are the property of their respective owners. Reseller/Retailer pricing may vary. All rights reserved.

About the battery pack

- Use only batteries recommended by TOSHIBA as replacements. The battery pack is lithium ion batteries, which can explode if not replaced, used, handled or disposed of properly. Dispose of the battery as required by local ordinances or regulations.
- Charge the battery pack only in an ambient temperature between 5 and 35 degrees Celsius. Otherwise, the electrolyte solution might leak, battery pack performance might deteriorate and the battery life might be shortened.
- Never install or remove the battery pack without first turning off the power and disconnecting the AC adapter.
- Use only the product connected to an AC power source or optional TOSHIBA Battery charger to charge the battery pack. Never attempt to charge the battery pack with any other charger.

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Leading Innovation >>>

For more information, please visit:
www.toshiba.ca